

[0044] code for applying the merged modifications to said document to produce an edited version of said document including said editorial modifications, said edited version containing data incorporated therein indicating acknowledgment of said editorial modifications by one or more of said collaborators.

[0045] According to still another aspect of the present invention there is provided a program for editing a document over a network, said program comprising:

[0046] code for transmitting editorial modifications to said document over said network from a first location to a second location upon said editorial modifications being made to said document at said first location by a first collaborator; and

[0047] code for applying said editorial modifications to a version of said document stored at said second location, to produce an edited version of said document, said edited version comprising data incorporated therein indicating acknowledgment of said editorial modifications by one or more other collaborators.

[0048] According to still another aspect of the present invention there is provided a program for synchronising versions of a document modified collaboratively over a network, said program comprising:

[0049] code for determining a most recent version of said document that is stored locally on said network by analysing data incorporated within one or more locally stored versions of said document, said data indicating acknowledgment of a particular version of said document by one or more collaborators;

[0050] code for requesting editorial modifications made to said most recent version of said document by any one or more of said collaborators at one or more remote locations of said network; and

[0051] code for applying said editorial modifications to said most recent version of said document to produce synchronised version of said document.

[0052] According to still another aspect of the present invention there is provided a computer program product including a computer readable medium having recorded thereon a computer program for editing an electronic document, said program comprising:

[0053] code for publishing editorial modifications that a first collaborator has made to said document;

[0054] code for acknowledging receipt of said modifications by one or more other collaborators;

[0055] code for merging the published modifications with any local modifications to produce a merged version of said modifications; and

[0056] code for applying the merged modifications to said document to produce an edited version of said document including said editorial modifications, said edited version containing data incorporated therein indicating acknowledgment of said editorial modifications by one or more of said collaborators.

[0057] According to still another aspect of the present invention there is provided a computer program product

including a computer readable medium having recorded thereon a computer program for editing a document over a network, said program comprising:

[0058] code for transmitting editorial modifications to said document over said network from a first location to a second location upon said editorial modifications being made to said document at said first location by a first collaborator; and

[0059] code for applying said editorial modifications to a version of said document stored at said second location, to produce an edited version of said document, said edited version comprising data incorporated therein indicating acknowledgment of said editorial modifications by one or more other collaborators.

[0060] According to still another aspect of the present invention there is provided a computer program product including a computer readable medium having recorded thereon a computer program for synchronising versions of a document modified collaboratively over a network, said program comprising:

[0061] code for determining a most recent version of said document that is stored locally on said network by analysing data incorporated within one or more locally stored versions of said document, said data indicating acknowledgment of a particular version of said document by one or more collaborators;

[0062] code for requesting editorial modifications made to said most recent version of said document by any one or more of said collaborators at one or more remote locations of said network; and

[0063] code for applying said editorial modifications to said most recent version of said document to produce synchronised version of said document.

BRIEF DESCRIPTION OF THE DRAWINGS

[0064] One or more embodiments of the present invention will now be described with reference to the drawings and appendices, in which:

[0065] **FIG. 1** is a flow diagram of a method of editing a document according to the present disclosure;

[0066] **FIG. 2** is a schematic block diagram of a general-purpose computer upon which arrangements described can be practiced;

[0067] **FIG. 3** is a flow diagram showing a method of processing a network message;

[0068] **FIG. 4** is a flow diagram showing a method of acknowledging receipt of the document of **FIG. 1** in response to a PUBLISH message;

[0069] **FIG. 5** is a flow diagram showing a method of modifying information embedded within the document of **FIG. 1**;

[0070] **FIG. 6** is a flow diagram showing a method of acknowledging the login to a current editing session by transmitting an ACK_LOGIN message;

[0071] **FIG. 7** is a flow diagram showing a method of acknowledging a modification by transmitting an ACK_MOD message;